

ABSTRACT

[00106] A coating composition comprising an effective corrosion-inhibiting amount of a rare earth compound, a neutral to slightly acidic generating extender or an acidic generating extender, or combinations thereof is provided. In one embodiment, the corrosion-inhibiting components are combined with other components such as extenders, amino acids and amino acid derivatives, gelatin and gelatin derivatives, organic-based exchange resins, and combinations thereof, to enhance the corrosion resistance of the resultant coating film. The coating compositions have good adhesion to substrates such as metals, including aluminum and aluminum alloys.